

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 October 2003 (23.10.2003)

PCT

(10) International Publication Number
WO 03/086117 A1

(51) International Patent Classification⁷: A24D 3/06, 3/08

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(21) International Application Number: PCT/HU02/00041

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(22) International Filing Date: 15 May 2002 (15.05.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
P0201257 17 April 2002 (17.04.2002) HU

(71) Applicant and

(72) Inventor: ROZIM, Péter [HU/HU]; Kertalja út 32., H-3300 Eger (HU).

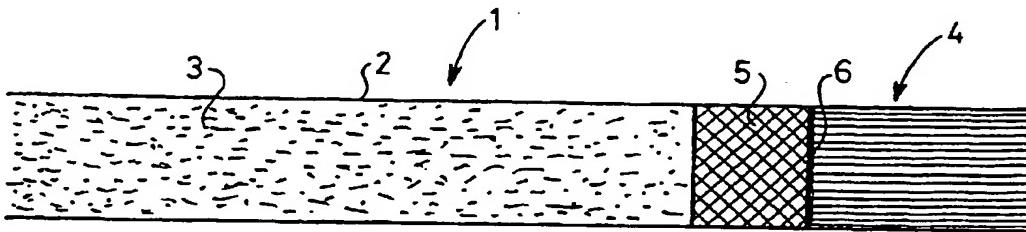
(74) Agent: DANUBIA PATENT AND TRADEMARK ATTORNEYS; Bajcsy Zsilinszky út 16., H-1051 Budapest (HU).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FILTER UNIT FOR FILTER-CIGARETTES AND FILTER CIGARETTES



WO 03/086117 A1

(57) **Abstract:** The filter unit according the invention contains wood cuttings of a particle size of 0.2-1.2 mm impregnated with sodium chloride solution, preferably with a solution of 20-40% sodium chloride and 80-60% of water. The wood cutting may be in a loose form or the wood cutting particles (9) may be arranged on a rib (8) made of cellulose-acetate. The filter cigarette containing a filter unit according to invention may contain the filter unit (5) between the filter-tip (4) and the tobacco body (1) or between two parts of the filter-tip (4). Preferably, the filter unit (5) is separated from the filter-tip (4) and/or from the tobacco body (1) by a web (6). (Fig. 1)